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File: DWPI

Jan 20, 1978

DERWENT-ACC-NO: 1978-16883A

DERWENT-WEEK: 197809

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TITLE: Non-flammable silicone rubber compsns. - comprising
poly:organo-siloxane!, poly:organo-hydro-di:ene siloxane!, silica, cerium
oxide, platinum or its cpd. and titanium oxide

PRIORITY-DATA:

1976JP-0080563

July 7, 1976

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|-------------------|----------|-------|----------|
| JP 53006356 A | January 20, 1978 | N/A | 000 | N/A |
| JP 79042386 B | December 13, 1979 | N/A | 000 | N/A |

INT-CL (IPC): C08K 3/04; C08L 83/04

ABSTRACTED-PUB-NO: JP53006356A

BASIC-ABSTRACT:

Non-flammable silicone rubber compsn. comprises (a) 100 pts. wt. polyorganosiloxanes of formula (I) contg. ≥ 2 R gps. in molecule; (b) polyorganohydrodiene siloxanes of formula (II) contg. ≥ 3 H atoms bonded to Si atoms in such amts. that 0.5-4 H atoms bonded to Si per one R' contained in component (a) are contained; (c) 50-200 pts. wt. of fine powder (1-100 mu in average grain dia.) silica; (d) 0.2-10 pts. wt. of Ce oxide; (e) 0.1-10 pts. wt. haze-like Ti oxide; (f) 0.2-10 pts. wt. of carbon black, ferric oxide and/or ferroferric oxide; and (g) 1-100 ppm (in platinum) of platinum or platinum cpds.

In the formulae R' is vinyl allyl; R2 is monovalent hydrocarbyl contg. no aliphatic unsatd. bond; a is 0, 1 or 2 b is 0, 1 or 2 provided that a+b 1,2 or 3; R3 is monovalent hydrocarbyl contg. no aliphatic unsatd. bond; c is 0, 1 or 2; d is 0, 1 ord, provided that c+d = 1, is 2 or 3.

Compsns. are storage stable and stable to the lapse of thermosettable (e.g. to temps. in range 50-150 degrees).

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KNOC | Image |
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